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 Virginia Journal of Education. Richmond. 10 nos.
 Virginia Teacher. Normal Station, Harrisonburg. m.
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 Vocationist. Oswego, N. Y. q.
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 Washington. See Northwest Journal of Education; Washington Education Journal.
 Washington Education Journal. Seattle. 10 nos.
 Western Journal of Education. 1111-12 Hearst Building, San Francisco, Calif. m.
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 Wisconsin Educational Horizon. Madison. bm.
 Wisconsin Journal of Education. Madison. 10 nos.
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DEPARTMENT OF THE INTERIOR
BUREAU OF EDUCATION

BULLETIN, 1921, No. 49

MONTHLY RECORD
OF CURRENT EDUCATIONAL
PUBLICATIONS

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MONTHLY RECORD OF CURRENT EDUCATIONAL PUBLICATIONS.

Compiled by the Library Division, Bureau of Education.

CONTENTS.—Proceedings of associations—Educational history and biography—Current educational conditions—Educational theory and practice—Educational psychology; Child study—Educational tests and measurements—Special methods of instruction—Special subjects of curriculum—Kindergarten and primary school—Rural life and culture—Rural education—Secondary education—Teacher training—Teachers' salaries and professional status—Higher education—School administration—School management—School buildings and grounds—School hygiene and sanitation—Sex hygiene—Physical training—Play and recreation—Social aspects of education—Child welfare—Moral education—Religious and church education—Manual and vocational training—Vocational guidance—Workers' education—Agriculture—Home economics—Professional education—Civic education—Americanization—Education of women—Negro education—Education of deaf—Exceptional children—Education extension—Libraries and reading—Bureau of Education: Recent publications.

NOTE.

The record comprises a general survey in bibliographic form of current educational literature, domestic and foreign, received during the monthly period preceding the date of publication of each issue. An index to the record is provided for each year, making the series available for permanent use as an annual bibliography of education. The index to the 10 numbers of the record, February, 1920–January, 1921, covering the literature of 1920, is issued as Bulletin, 1921, no. 31.

This office can not supply the publications listed in this bulletin, other than those expressly designated as publications of the Bureau of Education. Books, pamphlets, and periodicals here mentioned may ordinarily be obtained from their respective publishers, either directly or through a dealer, or, in the case of an association publication, from the secretary of the issuing organization. Many of them are available for consultation in various public and institutional libraries.

Publications intended for inclusion in this record should be sent to the library of the Bureau of Education, Washington, D. C.

PROCEEDINGS OF ASSOCIATIONS.

1192. Association of colleges and secondary schools of the Southern states. Proceedings of the twenty-fifth annual meeting, Chattanooga, Tenn., December 2, 3, 1920. Tulane university press, New Orleans [1921?] 114 p. 8°. (Edward A. Bechtel, secretary, Tulane university, New Orleans, La.)

Contains: 1. J. T. Wright: Character education in relation to citizenship, p. 40–53. 2. J. P. McCallie: The need of moral and religious training in school and college and how to meet it, p. 53–67. 3. G. F. Zook: The problem of teacher supply, p. 74–84. 4. A. Beziat: Modern methods of teaching elementary French, p. 97–110.

1193. **California high school teachers' association.** Proceedings, 1921. Sierra educational news, August 1921.

Contains: 1. Will C. Wood: The demands of changing conceptions of government on education, p. 10-17. 2. J. R. McKillop: How to secure an active community interest in the school, p. 26-29. 3. E. D. Shurter: Americanization and the schools, p. 29-32. 4. Nicholas Ricciardi: Making the public school product marketable, p. 52-56.

1194. **Michigan schoolmasters' club.** Journal of the . . . fifty-sixth meeting, held in Ann Arbor, March 31, April 1, 1921. Ann Arbor, Michigan, [1921] 73 p. 8°. (Louis P. Jocelyn, secretary, Ann Arbor, Mich.)

Contains: 1. R. L. Baldwin: Function of music in education, p. 7-17. 2. W. D. Reeve: Homogeneous classification of high school children according to ability shown on psychological tests, p. 18-26. 3. W. G. Smeaton: The foundation for more work in chemistry, p. 27-34.

1195. **New Jersey state teachers' association.** Annual report and proceedings of the 66th annual meeting . . . Atlantic City, N. J., December 28-30, 1920. Camden, N. J., Sinnickson Chew & sons co., 1921. 247 p. 8°. (H. J. Neal, secretary, Collingswood, N. J.)

Contains: 1. A. E. Winship: Making the public schools the public's school, p. 33-39. 2. J. R. P. Brock: Work of the colored schools, p. 43-47. 3. L. L. Jackson: Getting our bearings in high school work, p. 57-62. 4. A. E. Winship: A series of projects that developed a community, p. 68-72.

1196. **North Carolina teachers' assembly.** Proceedings and addresses of the thirty-seventh annual session . . . at Asheville, November 24-26, 1920. Raleigh, Mitchell printing company, 1921. 84 p. 8°. (A. T. Allen, secretary, Raleigh, N. C.)

Contains: 1. Edwin Mims: The new challenge to teachers of America, p. 28-33. 2. Nellie Walker: Modern practices in our primary grades, p. 41-45. 3. Jamie Bryan: Motivated study periods in the primary grades, p. 45-49. 4. L. A. Williams: Standard tests, their application, and benefits derived from their use, p. 51-54.

1197. **Texas state teachers' association.** Proceedings of the forty-second annual meeting, Fort Worth, November 25, 26, 27, 1920. Texas outlook, 5: 1-47, July 1921. (R. T. Ellis, secretary, Fort Worth, Texas.)

Contains: 1. F. L. McVey: Education as a foundation for national development, p. 9-10. 2. T. H. Harris: How to secure an ample and competent supply of teachers, p. 16-19. 3. B. R. Payne: How to educate an adequate supply of teachers for the school, p. 19-21. 4. J. G. McNary: Address (Education from the viewpoint of a business man), p. 23-27.

1198. **West Virginia education association.** Annual proceedings, Parkersburg, West Va., November 4-6, 1920. 84 p. 8°. (S. E. A. Bulletin, vol. II, no. 1.) (W. W. Trent, secretary, Elkins, West Va.)

Contains: 1. Virginia Foulk: Democracy in education, p. 26-35. 2. E. A. Lee: Problems in part-time education, p. 43-52. 3. H. R. Bonner: Meaning of vocational guidance, p. 63-69.

1199. **Wisconsin teachers' association.** Proceedings of the sixty-seventh annual session . . . held at Milwaukee, November 4 to 6, 1920. Madison, Wis., Democrat printing co., 1920. 378 p. 8°. (M. A. Bussewitz, secretary, Milwaukee, Wis.)

Contains: 1. P. P. Claxton: Salaries, p. 35-43. 2. J. J. Handley: Organized labor on education, p. 48-53. 3. Rachelle S. Yarros: Social hygiene in its relation to public health, p. 54-61. 4. E. A. Fitzpatrick: The Wisconsin educational situation, p. 75-86. 5. R. L. Lyman: Oral composition, p. 130-39. 6. V. A. C. Henmon: Intelligence tests and their uses, p. 139-43. 7. W. F. Faulkes: Relationship of manual arts to vocational education in Wisconsin, p. 156-61. 8. G. M. Phelan: A course in citizenship with records of accomplishments, p. 176-80. 9. W. A. McKeever: Some tense problems in moral education, p. 181-83. 10. M. Rusch: Harmony, natural tendencies, p. 191-200.

11. E. Fessenden: Value of play through games, p. 208-14. 12. A. T. Weaver: The content of a high school course in speech, p. 227-33. 13. Mary V. Rodigan: Dramatics in the high school, p. 235-41. 14. A. P. Minsart: Separate classes for boys and girls in chemistry, p. 251-56. 15. J. H. Finley: Teacher training, p. 267-73. 16. Harriet Leete: The preschool child, p. 290-94.

EDUCATIONAL HISTORY AND BIOGRAPHY.

1200. **González, Luis Felipe.** Historia de la influencia extranjera en el desenvolvimiento educacional y científico de Costa Rica. San José de Costa Rica, 1921. xi, 320 p. plates. 8°

Among the nations which have influenced the development of education in Costa Rica, the author assigns a prominent place to the United States as represented by the Bureau of education and by numerous American educators.

1201. **Hurlbut, Jesse Lyman.** The story of Chautauqua. New York and London, G. P. Putnam's sons, 1921. xxv, 429 p. front. (port.) plates. 8°.

A history of the Chautauqua institution, founded nearly 50 years ago by Lewis Miller and John H. Vincent.

1202. **The Manuale scholarium**, an original account of life in the mediaeval university; tr. from the Latin by Robert Francis Seybolt. Cambridge, Harvard university press, 1921. 122 p. 12°.

Bibliography: p. 119-22.

1203. **Paulsen, Friedrich.** Geschichte des gelehrten unterrichts auf den deutschen schulen und universitäten vom ausgang des mittelalters bis zur gegenwart, mit besonderer rücksicht auf den klassischen unterricht. 3e. erweiterte auflage hrsg. und in einem anhang fortgesetzt von Rudolf Lehmann. Leipzig, Veit & comp., 1919; Berlin und Leipzig, Vereinigung wissenschaftlicher verleger, 1921. 2 v. 8°.

Anhang: Der gelehrte unterricht bis zum weltkrieg. 1892-1914. v. 2, p. 693-797.

CURRENT EDUCATIONAL CONDITIONS.

GENERAL AND UNITED STATES.

1204. **Bellamy, Frances R.** Martha Berry. Good housekeeping, 73: 21-22, 109-14, October 1921. illus.

Description of "The Berry schools," Rome, Ga., and of the founder, "the woman who has built a million dollar plant on faith in God, love of humanity, and money that her enthusiasm won from others."

Summarized in American review of reviews, 64: 537-38, November 1921.

1205. **Collins, Joseph V.** Loss and gain in education. Education, 42: 69-76, October 1921.

Discusses the development of elementary education in the past 50 years, with especial emphasis on the curriculum. Points out defects in methods of teaching. Says that elementary education is "lopsided, superficial, unscientific, and imperfect to a degree."

1206. **Educational progress in Wisconsin**; prepared under direction of Cecile White Flemming. Issued by C. P. Cary, state superintendent. Biennial report, 1918-1920. Madison, Wis., State department of public instruction, 1921. xi, 252 p. graphs, tables. 8°.

This final report of Supt. Cary has been prepared in cooperation by the members of the staff of the state education department, who contribute monographs on various phases of progress.

1207. **Eliot, C. W.** Protection against ignorance. Chicago schools journal, 4: 1-5, September 1921.

Answers the question "How intelligently shall the efforts of the people be directed toward the satisfaction of their educational desires and needs?"

1208. **Ettinger, William L.** Present-day problems of the public schools. *American review of reviews*, 64: 382-84, October 1921.

A summary of public school problems as seen through the eyes of the superintendent of schools of New York City. Defends the schools from adverse criticisms.

1209. **Jones, O. Garfield.** Education and the future of the Filipinos. *American review of reviews*, 64: 405-14, October 1921.

Describes the remarkable advance of education in the Philippines under American rule. Discusses also the political future of the Islands. Illustrated.

1210. **Landsittel, F. C.** Survey of educational conditions in Fairfield county, Ohio. Pub. by Vernon M. Riegel, superintendent of public instruction as director of education, 1921. Columbus, O., The F. J. Heer printing co., 1921. 53 p. incl. tables. 8°.

1211. **McAndrew, William.** The belated revolution in the public schools. What the fathers of the country thought the schools should be, and how schoolmen at last are coming to agree with them. *World's work*, 43: 108-12, November 1921.

Holds that the purpose and output of the schools should conform to the national theory, viz., American citizens.

1212. **McDougall, William.** Is America safe for democracy? New York, C. Scribner's sons, 1921. viii, 218 p. plates, figs. 12°.

Six lectures given at the Lowell institute of Boston, under the title "Anthropology and history, or the influence of anthropologic constitution on the destinies of nations."

A study of racial conditions, especially in the United States, including cultural aspects.

1213. **Sears, J. B., ed.** The Arlington school survey; a report of a study of the school systems of Arlington and three adjacent rural districts of Sibley county, Minnesota. Minneapolis, The University of Minnesota, 1921. 58 p. graphs, tables, fold. map. 8°. (*Bulletin of the University of Minnesota. General extension division. vol. 24, no. 28. August 10, 1921.*)

The survey was made by J. B. Sears, director; assisted by F. E. Armstrong, Charles Boardman, E. C. Culbert, W. P. Dyer, Walter Gaumnitz, E. T. Jacobson, and S. B. Severson.

1214. **Yocum, A. Duncan.** The limitation of progressive education. *School and home education*, 41: 14-21, September 1921.

Reported from a talk before the Harvard teachers' association, April 30, 1921.

FOREIGN COUNTRIES.

1215. **Canada.** Dominion bureau of statistics. Education statistics branch. Historical statistical survey of education in Canada. Pub. by authority of the Right Hon. Sir George E. Foster, minister of trade and commerce. Ottawa, Thomas Mulvey, printer to the King's most excellent majesty, 1921. 120 p. graphs, tables, fold. chart. 8°.

A statistical view of education in Canada during the period 1901-1920.

1216. **Danton, George H.** Aspects of education in China. *School and society*, 14: 263-72, 296-304, October 8, 15, 1921.

Gives particular attention to characterizing the services of foreign educators and teachers in the Chinese educational system.

1217. **Kirkaldy, Adam W.** University college, Nottingham. *Education*, 42: 116-24, October 1921.

Descriptive of a college located at Nottingham, England, definitely organized to develop the higher interests—literary, artistic, and scientific.

1218. **Pahlow, Edwin W.** Oxford and Cambridge as seen by American soldier-students. *Scribner's magazine*, 70: 477-83, October 1921.

Writer was formerly dean of American soldier-students in British universities.

1219. **Pasvolsky, Leo.** Education under communism: the structure of soviet education. *Educational review*, 62: 210-23, October 1921.

A review of educational methods and administration in Russia.

1220. **Rogers, Mary E.** Education in Serbia. *Southern workman*, 50: 449-57, October 1921.

Describes among other things the school at Cacak, Central Serbia, which was started by the child welfare commission of the Serbian relief committee of America. Illustrated.

1221. **Rothmaler, A. de.** Les hautes-écoles de paysans au Danemark. *Revue pédagogique*, 79: 189-208, September 1921.

1222. **Špišek, Ferd.** L'enseignement tchécoslovaque: son passé et son avenir.—II. L'enseignement secondaire. *Revue internationale de l'enseignement*, 41: 316-22, September-October 1921.

To be continued.

EDUCATIONAL THEORY AND PRACTICE.

1223. **Dugas, L.** Les idées de Guyau sur l'éducation. *Revue pédagogique*, 79: 175-88, September 1921.

1224. **Graff, Ellis U.** Essentials in education. Indianapolis, The Bobbs-Merrill company [1921] 5 p. l., 245 p. 12°.

The superintendent of schools in Indianapolis, Ind., offers a practical discussion of some fundamental principles and methods in public education in this book, which is based on the writer's own experience, with distinct recognition of current educational conditions.

1225. **Lotz, Ernst.** Lehrplanpolitik. Pädagogische erwägungen eines humanisten. *Monatschrift für höhere schulen* (Berlin) 20: 193-203, July-August 1921.

1226. **Townsend, H. G.** Education as criticism. *Philosophical review*, 30: 367-79, July 1921.

1227. **Watson, Foster, ed.** The encyclopaedia and dictionary of education; a comprehensive, practical, and authoritative guide on all matters connected with education, including educational principles and practices, various types of teaching institutions, and educational systems throughout the world. In four volumes. Vol. 1-2. London, New York [etc.] Sir Isaac Pitman & sons, ltd., 1921. 2 v. plates, illus. 4°.

The completion of the second volume of this new Encyclopedia of education carries the work to the beginning of the letter M. More than 850 contributors, specialists in various lines of education, join in the preparation of the Encyclopedia, which will be useful for consultation on subjects relating to British education, to which it is mainly devoted. Considerable attention, however, is given to the educational institutions and methods of other countries than Great Britain. Among the American contributors to the work are Profs. E. P. Cubberley, John Dewey, C. H. Judd, and Paul Monroe.

1228. **Yeomans, Edward.** The educated person. *Atlantic monthly*, 128: 486-81, October 1921.

Says that educational processes should give heed to relationships, with the inorganic as well as the organic world, and should produce people who are on the way to appraise life fairly, who will know the difference between first class and second class—that is, have a proper scale of values.

EDUCATIONAL PSYCHOLOGY; CHILD STUDY.

1229. **Kitson, Harry D.** How to use your mind; a psychology of study. Being a manual for the use of students and teachers in the administration of supervised study. 2d ed., rev. and enl. Philadelphia and London, J. B. Lippincott company [1921] 253 p. 12°.

Tells how to approach intellectual work and how to carry it through.

1230. **Limentani, Ludovico.** L'educazione pratica della volontà. Rivista pedagogica (Rome) 14: 232-49, May-June 1921.

To be continued.

1231. **Peaks, Archibald G.** Periodic variations in efficiency, as shown in mental and physical tests together with some weather effects. Baltimore, Warwick & York, inc., 1921. 95 p. tables. 12°. (Educational psychology monographs, no. 23.)

An investigation of periodic variations in both physical and mental activities during the year, during the day, and in conjunction with periodic changes in natural phenomena such as sunlight and temperature. Gives a history of experiments in this field, and presents results both from other investigators and from the writer's own original researches.

1232. **Pyle, William Henry.** The psychology of learning; an advance text in educational psychology. Baltimore, Warwick & York, inc., 1921. 308 p. graphs, tables. 12°.

Bibliography: p 294-303.

This book undertakes to state everything that is known about learning. All the experimental work that throws any light on the nature of learning has been carefully examined, and in the light of the experimental results, the author endeavors to give the present impartial verdict of educational psychology. The experimental method for teaching the subject is recommended.

EDUCATIONAL TESTS AND MEASUREMENTS.

(Including Psychological Tests.)

1233. **National association of directors of educational research.** Papers presented at meeting at Atlantic City, N. J., March 3, 1921. Journal of educational research, 4: 1-55, June 1921.

Contains: 1. W. S. Gray: Diagnostic and remedial steps in reading, p. 1-15. 2. G. M. Whipple: The national intelligence tests, p. 16-31. 3. E. J. Ashbaugh: The measurement of language—what is measured and its significance, p. 32-39. 4. I. J. Bright: The intelligence examination for high-school freshmen, p. 44-55.

1234. **Courtis, Stuart A.** Educational measurements in Detroit. Kindergarten and first grade, 6: 309-14, October 1921.

We need to keep accurate records of all the temperaments, tastes, and peculiarities of children. Intelligence tests are a first step in sorting children.

1235. **Fordyce, Charles.** Intelligence tests in classifying children in the elementary school. Journal of educational research, 4: 40-43, June 1921.

A study of the results of the Haggerty intelligence examination in comparison with the school grades and estimates of teachers in the case of a group of pupils in the elementary grades at Lincoln, Neb.

1236. **Gates, Arthur I.** An experimental and statistical study of reading and reading tests. Journal of educational psychology, 12: 303-14, 378-91, 445-64, September, October, November 1921.

1237. **Hayes, Seth.** Cooperative chemistry tests. Journal of educational research, 4: 109-20, September 1921.

Work of the chemistry teachers of Cleveland, Ohio. The tests are intended to be "rapid-fire, and to call forth quick and accurate thinking by the pupils." Directions are given for conducting the tests.

1238. **Merrill, Maud A.** The relation of intelligence to ability in the "three R's" in the case of retarded children. *Pedagogical seminary*, 28: 249-74, September 1921.

A record of group tests made in the Oakland, Calif., public schools.

1239. **Otis, Arthur S. and Knollin, Herbert E.** The reliability of the Binet scale and of pedagogical scales. *Journal of educational research*, 4: 121-42, September 1921.

1240. **Proctor, William Martin.** The use of psychological tests in the educational and vocational guidance of high school pupils. Bloomington, Ill., Public school publishing company, 1921. 70 p. graphs, tables. 8". (*Journal of educational research monographs*, no. 1, June 1921)

1241. **St. Denis, R. de.** Colleges and psychological tests. *America*, 26: 5-6, October 22, 1921.

Writer says that any reliable test must include the following elements: character analysis, memory capacity, intellectual attainments and physical aptitude, mental and physical reactions; in short all the things that make up a man's mental and physical abilities and habits. Judged by this standard, practically all tests in present use are more or less defective.

1242. **Terman, Lewis M.** Mental growth and the I. Q. *Journal of educational psychology*, 12: 325-41, 401-7, September, October 1921.

1243. **Thorndike, Edward L.** On the new plan of admitting students at Columbia university. *Journal of educational research*, 4: 95-101, September 1921.

Discusses the merits of the psychological examination of students. The writer says that such examination alone would not be a fully satisfactory means of selecting students, but is supplemented by the students' complete previous records. With a few exceptions the higher a student's score in the psychological examination, the better was his record in college.

1244. **Virginia. Education commission.** Virginia public schools; a survey of a Southern state public school system. Part two—Educational tests. Yonkers-on-Hudson, N. Y., World book-company, 1921. xii, 235 p. graphs, tables. 12". (*Educational survey series*)

Starting with the principle that reading, writing, and arithmetic remain through all the changing conceptions of education the fundamental aims of instruction in the elementary school, the Division of tests of the Virginia school survey staff, under the direction of Dr. M. E. Haggerty, has measured the work of the public schools of the state in these branches, and also in spelling. Tests of high-school composition and elementary algebra were also made in 25 representative high schools in various parts of Virginia. The results of these measurements by standard tests, as given in detail with tables and graphs in this volume, afford norms for some well-known tests in terms of typically Southern conditions.

SPECIAL METHODS OF INSTRUCTION.

PROJECT METHOD.

1245. Dangers and difficulties of the project method and how to overcome them—a symposium. By Profs. Kilpatrick, Bagley, Bonser, Hosie, and Mr. Hatch, of Teachers college. *Teachers college record*, 22: 283-321, September 1921.

CONTENTS.—I. Introductory statement: definition of terms, W. H. Kilpatrick.—II. Projects and purposes in teaching and in learning, W. C. Bagley.—III. Dangers and difficulties of the project method, F. G. Bonser.—IV. The project method, J. F. Hosie.—V. Student reactions to the project method, R. W. Hatch.—VI. A review and summary, W. H. Kilpatrick.

1246. **Warren, Minetta L.** The project method. *Journal of education*, 94: 176-177, September 1, 1921.

The beginning of a series of articles on the project method which are to continue in following issues of this journal.

OTHER METHODS.

1247. **Wolstencroft, H. P.** The Dalton plan; a record of a year's experience in an English school. *Educational times (London)* n. s. 3: 461-62, October 1921.

Says that the plan has the advantage of being applicable to any curriculum, and that it has resulted in better work, greater progress, increased interest, fuller scope, and the growth of self-reliance and a feeling of responsibility among the pupils.

SPECIAL SUBJECTS OF CURRICULUM.

READING.

1248. **Parker, Samuel C.** How to teach beginning reading. *Elementary school journal*, 22: 15-30, 104-17, September, October 1921.

The first of this series of articles includes a presentation of the scientific principles and evidence which justify the methods and devices for teaching beginning reading. The second article discusses pre-primer blackboard and chart reading; beginning book reading, etc. To be continued.

1249. **Wilson, Estaline.** Specific teaching of silent reading. *Elementary school journal*, 22: 140-46, October 1921.

Describes a series of tests in the schools of Cincinnati, Ohio, in which a number of different kinds of material were presented, including arithmetic, geography, civics, grammar, narrative material, and poetry.

SPELLING.

1250. **Pittman, Marvin Summers and Pryor, Hugh Clark.** A guide to the teaching of spelling. New York, The Macmillan company, 1921. xi. 141 p. 12°.

This manual summarizes and interprets in plain language current literature on the teaching of spelling and the results of recent experiments in the subject. It discusses the fundamental psychological principles involved in the teaching of spelling, reviews the best methods, and considers various types of spelling textbooks now in use, and various special lists of words.

ENGLISH AND COMPOSITION.

1251. **Clapp, John Mantle.** The "better speech movement" and the world of business. *English journal*, 10: 450-55, October 1921.

1252. **Deming, Alhambra G.** Methods and material for composition in intermediate and grammar grades. Chicago, Beckley-Cardy company, 1921. 232 p. 12°.

A handbook for teachers designed to cover with its suggestions the entire composition work of the intermediate and grammar grades, and to afford original methods and a variety of material to supplement a regular textbook.

1253. **Savage, Howard J.** Personnel for college composition. *English journal*, 10: 439-49, October 1921.

Remarks on the personnel of college teachers of English composition.

1254. **Thorndike, Edward L.** Word knowledge in the elementary school. *Teachers college record*, 22: 334-70, September 1921.

Gives counts of the frequency of occurrence of words in the material which the pupil or graduate will or should read. Describes the "Teacher's word book."

LITERATURE.

1255. Kellogg, Annie F. Golden numbers: an experiment in teaching love of poetry to high-school pupils. *English journal*, 10: 367-75, September 1921.

ANCIENT CLASSICS.

1256. Carr, W. L. and Gray, Mason D. The classical survey. *Classical journal*, 17: 16-27, October 1921.

The object of the survey was to prepare a constructive program of recommendations for improvement in the teaching of Latin and Greek in the secondary schools of the United States. A revised form of a report that was originally submitted to the advisory committee and the chairman of the regional committees of the American classical league, at a meeting held in Philadelphia, July 6, 1921.

1257. The classics in education. *Journal of education and School world* (London) 53: 575-77, September 1921.

Report of the committee appointed by the prime minister to inquire into the position of classics in the educational system of the United Kingdom.

1258. Coolidge, Calvin. Value of the classics. *Classical journal*, 17: 28-35, October 1921.

Also in *American education*, 25: 12-16, September 1921.

A defense of the classics, delivered before the American classical league in Philadelphia, July 7, 1921.

1259. Welldon, J. E. C. The future of the classics. *Contemporary review*, 120: 313-21, September 1921.

Based on the report of the committee which was appointed by the British prime minister in November, 1919, "to inquire into the position to be assigned to the classics (*i. e.*, to the language, literature, and history of ancient Greece and Rome) in the educational system of the United Kingdom, and to advise as to the means by which the proper study of these subjects may be maintained and improved."

MODERN LANGUAGES.

1260. Davies, Gwendoline. Modern languages in the United States. *Modern languages* (London) 3: 11-15, October 1921.

The impressions of a British teacher visiting in America, regarding modern language teaching in the United States.

1261. Franzén, Carl G. F. Foreign language teaching in the high schools of Iowa. *School review*, 29: 610-16, October 1921.

In Iowa during the school year 1920-21, there were four foreign languages taught—Latin, French, Spanish, and Norse. Latin is very popular, with French second.

1262. Gourio, E. The direct method of teaching French. Boston, New York [etc.] Houghton Mifflin company [1921] 163 [1] p. 12.

SCIENCE AND MATHEMATICS.

1263. Glenn, Earl R. The improvement of chemistry and physics instruction in American high schools. *School science and mathematics*, 21: 671-73, October 1921.

Given at the University of Pennsylvania, April 7, 1921, during Schoolmen's week.

1264. Williams, Lewis W. The mathematics needed in freshman chemistry. *School science and mathematics*, 21: 654-65, October 1921.

GEOGRAPHY.

1265. Adams, William C. Practical methods for teaching elementary geography. New York, Philadelphia [etc.] Hinds, Hayden & Eldredge, inc. [1921] 135 p. 16.

1266. **Atwood, Wallace W. and Thomas, Helen Goss.** Teaching the new geography; a manual for use with the Frye-Atwood geographical series. Boston, New York [etc.] Ginn and company [1921] 203 p. 10°.
1267. **Brigham, Albert Perry and McFarlane, Charles T.** Essentials of geography; a manual for teachers. New York, Cincinnati, [etc.] American book company [1921] 198 p. front. illus. 16°.
1268. **Cooper, C. E.** Status of geography in the normal schools of the eastern states. *Journal of geography*, 20: 217-224, September 1921.
Survey of the status of geography in normal schools.
1269. **Smith, E. Ehrlich.** Teaching geography by problems. Garden City, N. Y., and Toronto, Doubleday, Page & company, 1921. xix, 306 p. front., plates. 12°.

Presents the modern principles involved in teaching geography by problems and projects, and concrete examples of teaching the subject according to these principles. The volume also gives lists of reference books and other helpful material which in teaching geography by the project method are required to supplement the school text.

HISTORY.

1270. **Gabriel, Ralph H.** The general course in United States history and the liberal arts college. *Historical outlook*, 12: 237-39, October 1921.
1271. **Selby, E. M.** A teacher's observation of practice-teaching in history. *Ohio history teachers' journal*,* *Bulletin* no. 22, May 1921, p. 251-55.

The conclusions are based on experiences of the writer as a student in the College of education of the Ohio State university.

DRAMATICS.

1272. **Colby, Gertrude K.** The conflict, a health masque in pantomime. With an introduction by Thomas D. Wood. New York, A. S. Barnes and company, 1921. 70 p. front., plates., diagsr. 8°.
1273. **Taft, Linwood.** The technique of pageantry. New York, A. S. Barnes and company, 1921. viii, 168 p. front. 8°.

Regarding pageantry as the most appropriate medium of expression of a specific phase of community life, the author, who has had large experience in directing pageants, offers this volume as an aid to communities which may wish to celebrate anniversaries seeming to them memorable. Part I gives a general discussion of the technique of pageantry, and Part II contains specimen programmes of several particular pageants.

SAFETY.

1274. **Oregon. Department of education.** Course of study for safety education in Oregon schools. Issued by J. A. Churchill, superintendent of public instruction for Oregon. Salem, Or., State printing department, 1920. 62 p. illus. 8°.

KINDERGARTEN AND PRIMARY SCHOOL.

1275. **Mitchell, Lucy Sprague.** Here and now story book, two- to seven-year-olds. Experimental stories written for the children of the City and country school (formerly the Play school) and the Nursery school of the Bureau of educational experiments. New York, E. P. Dutton & company [1921] xii, 360 p. illus. 12°.

Mrs. Mitchell explains the plan of this book in the Introduction, p. 1-72. The stories given in the following pages are fashioned on the model of stories actually told by children themselves about their own doings and every-day experiences. The writer regards the modern stories which adults write for young children as unsuitable for the purpose intended.

RURAL LIFE AND CULTURE.

1276. American country life association. Rural organization. Proceedings of the third National country life conference, Springfield, Mass., 1920. [Chicago, Ill.] Pub. by the University of Chicago press for the American country life association [1921]. 242 p. Front. 8". (C. J. Galpin, executive secretary, Washington, D. C.)

Contains: 1. K. L. Butterfield: President's address—The past and the future of the country life movement, p. 1-8. 2. Lorado Taft: An American rural art movement, p. 9-22. 3. E. R. Groves: Rural organization and rural psychology, p. 54-65. 4. Dwight Sanderson: Some fundamentals of rural community organization, p. 66-77. 5. Mabel Carney: Rural community organization, p. 82-85. Discussion, p. 85-88. 6. H. P. Douglas: Recent legislation facilitating rural community organization, p. 117-26. Discussion, p. 127-32. 7. Mabel Carney: Local, state, and federal organization for effective rural education, p. 133-44. 8. J. D. Wolcott: Organization for rural library extension and for education through the library, p. 142-46. 9. C. J. Galpin: The physical aspects of the American farm home, p. 155-60. 10. W. H. Wilson: Report of the committee on morals and religion, p. 169-76. 11. W. J. Campbell: Report of committee on training for rural leadership, p. 187-92. Discussion, p. 192-94. 12. E. C. Lindeman: Organization for rural recreation, p. 201-7.

1277. Burr, Walter. Rural organization. New York, The Macmillan company, 1921. x, 259 p. 12".

A practical discussion of rural organization, containing suggestions along the lines of farm production, marketing, securing supplies, finance and accounting, communication and transportation. The book also takes up the social functions, education, sanitation, recreation, and home making.

RURAL EDUCATION.

1278. Collings, P. McB. The reconstruction of elementary rural school aims. Missouri school journal, 38: 326-33, September 1921.

A scientific method for determining particularized elementary rural school outcomes.

1279. Louisiana. Department of education. Course of study for rural and elementary schools. Prepared by the division of rural and elementary schools. Pub. by the state department of education. T. H. Harris, state superintendent, Baton Rouge, La., Ramirez-Jones printing co., 1921. 239 p. 8".

1280. Pittman, Marvin Summers. The value of school supervision demonstrated with the zone plan in rural schools. Baltimore, Warwick & York, inc., 1921. x, 129 p. 12".

Gives the results of a test of the value of supervision made in the rural schools of Brown county, South Dakota, and describes the zone plan of supervision which was employed.

1281. Rapeer, L. W. Play in the new rural education. American education, 25: 17-22, September 1921.

A plea for improved play provisions in rural schools.

1282. Smith, R. R. The future country school. Education, 42: 111-15, October 1921.

The impressions of a layman, a college graduate and farmer, who has children attending a country school.

1283. Vermont. Board of education. The state course of study of Vermont. Pt. 1 for rural and elementary schools. Prepared under direction of Clarence H. Dempsey, commissioner of education. Authorized by the state board of education. Montpelier, Vermont, 1921. 324 p. 8".

SECONDARY EDUCATION.

1284. **High school teachers association of New York city.** The high schools of New York city: a handbook of procedure and personnel. Clyde R. Jeffords and Claude F. Walker, editors. New York, 1921. 223 p. 8°.

This book is a general manual of the public high schools of the greatest city of the country, giving a rather full account of their origin and development, their curriculum, the present trend of high school teaching, and the professional status and compensation of high school teachers. It includes also a directory of the schools and their teachers.

1285. **Hollister, H. A.** Report of the high school visitor, University of Illinois, for the year 1920-21. Urbana, The University of Illinois, 1921. 68 p. charts, tables. 8°. (University of Illinois bulletin, vol. 18, no. 33, April 18, 1921.)

Contains: 1. The financial side of the teaching profession—a study of the salaries of high school teachers in 370 accredited public high schools in Illinois, p. 6-21. 2. The influence of the sex balance of the teaching staff on the ratio of boys to the total number of pupils enrolled in public high schools in Illinois, p. 22-27. 3. List of accredited schools and tabular report, p. 30-60.

1286. **Ivy, H. M.** High schools. Issued by W. F. Bond, state superintendent of education. [n. p. 1921] 128 p. 8°. (Mississippi. Department of education. Bulletin no. 23, 1921)

1287. **Lyman, R. L.** The junior high schools of Montclair, New Jersey. School review, 29: 495-509, September 1921.

Discusses the activities of various classrooms; instructional ideals; the curriculum; student control and discipline, etc.

1288. **Ohio. Department of education.** Ohio high school standards (junior and senior) A manual of suggestions for the high school teachers of the state with requirements for the organization and administration of the recognized high schools. Prepared by Walton B. Bliss . . . under the direction of Vernon M. Riegel. Columbus, Ohio, The F. J. Heer printing co., 1921. 120 p. 8°.

TEACHER TRAINING.

1289. **Fischer, Aloys.** Über das studium der pädagogik an den hochschulen. Zeitschrift für pädagogische psychologie und experimentelle pädagogik (Leipzig) 22: 273-89, September-October 1921.

1290. **Hertzog, Walter Scott.** State maintenance for teachers in training. Baltimore, Warwick & York, inc., 1921. 144 p. tables, diagrs. 12°.

With reference to the problem of an adequate supply of trained teachers for the public schools, this study examines the subject of State encouragement of prospective teachers. It surveys the conditions which may justify additional aid for prospective teachers, and describes plans for recruiting the profession through financial assistance which are now in operation in the United States and in various foreign countries. Methods of recruiting other professions and occupations through financial assistance are also presented for comparison with teaching, and the advantages and disadvantages of subsidies for teacher training are discussed.

TEACHERS' SALARIES AND PROFESSIONAL STATUS.

1291. **Blackwell, C. P. and Crandall, W. G.** Professional improvement of college teachers. Educational administration and supervision, 7: 388-400, October 1921.

The resulting information from letters sent out to colleges and universities and to educators asking for statements concerning the methods of professional improvement now in use in the institutions and for the personal opinions of the educators.

1292. **Byrne, Lee.** A method of equalizing the rating of teachers. *Journal of educational research*, 4: 102-8, September 1921.
 Gives an illustration of the method of reducing crude ratings to uniformity of level and dispersion, etc.
1293. **Courtis, Stuart A.** Standards of teaching ability. *Educational review*, 62: 183-86, October 1921.
 Writer says that a whole new field of research must be explored before final standards of teaching ability are possible. Emphasizes the necessity of formulating a definition of teaching ability wholly in terms of the changes to be produced in children.
1294. An educational program. *Survey*, 47: 57, October 8, 1921.
 Program of work for the current school year of the Teachers' union of New York city.
1295. **Kirkpatrick, J. E.** The professor on behalf of his profession. *New republic*, 28: 68-70, September 14, 1921.
1296. **Massachusetts. Department of education. Division of elementary and secondary education and normal schools.** . . . Salaries of teachers in the public day schools of Massachusetts, 1921. Boston, 1921. 24 p. incl. tables. 8". (Massachusetts. Bulletin of the department of education, 1921, no. 4. Whole no. 124.)
1297. **Sears, J. B.** The measurement of teaching efficiency. *Journal of educational research*, 4: 81-94, September 1921.
 Presents a history of teacher-rating schemes. Outlines the requirements for an effective teacher measurement. Gives a bibliography; p. 92-94.

HIGHER EDUCATION.

1298. **Andrews, M. B.** How to work your way through college. Greensboro, North Carolina, 1921. 63 [11 p. 8".
1299. **Butler, Nicholas Murray.** Scholarship and service: the policies and ideals of a national university in a modern democracy. New York, C. Scribner's sons, 1921. xii, 399 p. 12".
 This volume is made up of selections from the addresses and reports of the president of Columbia university. The papers included endeavor to interpret the modern university in terms of its ideals, of its problems, and of its counsels. Principles are established which are of general application to all modern universities functioning in democracies.
1300. **Coffman, L. D.** What part shall the colleges and universities play in the American program of education? *School and home education*, 41: 1-5, September 1921.
 Address given before the National education association, Des Moines, Iowa, July 6, 1921.
1301. **Dawson, W. H., ed.** The yearbook of the universities of the empire, 1921. London, G. Bell and sons, Ltd., 1921. xiv, 571 p. 12".
1302. **Donnelly, Francis P.** Unity of education. *American*, 25: 560-62, October 1, 1921.
 Discusses the attainment of unity in college education, with particular reference to electivism and the departmental system.
1303. **Kehr, Marguerite Witmer.** A comparative study of the curricula for men and women in the colleges and universities of the United States. [n. p., 1920] 25 [1] p. 12".
 Thesis (Ph. D.)—Cornell University.
 Reprinted from the *Journal of the Association of collegiate alumnae*, vol. XIV, no. 3, December 1920.

1304. **Koos, Leonard V.** Current conceptions of the special purposes of the junior college. *School review*, 29: 520-29, September 1921.

A survey of the current ideas of the special functions of the junior college.

1305. ———. Junior-college courses in 1920-21. *School review*, 29: 586-92, 668-78, October, November 1921.

The sources of the data used in this study were the bulletins or catalogs of junior colleges. Part I sets forth the general curricular situation and the prescribed work. Part II gives the offerings by subject-groups and courses.

1306. **Lloyd, Alfred H.** Fellowships and their relation to teaching. *Educational review*, 62: 197-209, October 1921.

Defines a fellowship at an American university under these aspects: Physical, intellectual, and moral. "At any of our graduate schools," says the writer, "a fellowship should mean complete freedom, as well as distinct ability, of mind."

1307. **McConn, Max.** Bachelor of arts: what is it? *New republic*, 28: 154-56, October 5, 1921.

Criticizes grades, credits, and degrees. Speaks of them as "elusive entities," and advocates the elimination of the whole mechanism.

1308. **Scott, Samuel M.** A possible remedy. *Harvard graduates' magazine*, 30: 24-32, September 1921.

A discussion of the elective system of Harvard university.

1309. **Wood, B. D.** The measurement of college work. *Educational administration and supervision*, 7: 301-334, September 1921.

A report on the preparation and study of a new type of examination.

SCHOOL ADMINISTRATION.

1310. **Ettinger, William L.** Economy in school administration. [New York, The printing class, The boys of the Vocational school, 1921] 29 p. 16".

Annual address of the superintendent of schools, city of New York, before the associate superintendents, district superintendents, directors and inspectors of special branches, September 13, 1921.

Also in *Bulletin of high points in the work of the high schools of New York*, September 1921, p. 3-8.

1311. **Hart, Joseph K.** Decentralization in education. *Survey*, 47: 53-55, October 8, 1921.

Declares that the foundations of a decentralized educational system will be the various local communities of the state. Discusses the developments in Wisconsin.

1312. **Learned, Henry Barrett.** The educational function of the national government. *American political science review*, 15: 335-49, August 1921.

1313. **MacDonald, D. J.** Democracy in school administration—Some fundamental principles. *American school board journal*, 63: 31-33, 119, September 1921.

A good definition of democracy and an enumeration of those principles which must be operative before democracy can prevail in school administration circles.

1314. **National committee for chamber of commerce cooperation with the public schools.** Know and help your schools. Third report. An interpretation of inquiry no. III relating to boards of education and the receipts and expenditures of urban public schools. Directed by The National committee for chamber of commerce cooperation with the public schools and the American city bureau. New York, Chicago, [etc.] American city bureau. 1921. 47 p. 8°.

1315. Should boards of education be independent of the city government? American city, 25: 307-8, October 1921.

Says that "the best interests of the public schools can not be served in a city where the budget of the board of education may be reduced and remodeled by city officials who have not made a definite study of the needs of the schools."

From "Know and help your school," the report of a survey directed by the National committee for chamber of commerce cooperation with the public schools, and the American city bureau.

1316. **Swift, Fletcher H.** The declining importance of state funds in public-school finance. School review, 29: 534-46, September 1921.

Writer says that after 50 years of support by local taxation, the country finds itself in an educational situation marked by economic and educational inequalities. Suggests a possible modification, perhaps a complete reversal of our traditional plan of school support. Gives tables of statistics.

SCHOOL MANAGEMENT.

1317. **Campbell, Arthur L.** Keeping the score. School review, 29: 510-20, September 1921.

Recommends the introduction of an open system, with the modern duplicating feature, such as is used in salesbooks, bank deposit books, and other similar business devices. Gives specimen of a school score card, which has been used with success by the writer.

1318. **Maxwell, C. R.** The selection of textbooks. Boston, New York [etc.] Houghton Mifflin company [1921] x, 139 p. 12". (Riverside educational monographs, ed. by H. Suzzallo)

CONTENTS:—I. The textbook a necessary tool in teaching.—II. The common basis for selection of texts.—III. Current methods of selecting textbooks.—IV. Method and term of adoption as a factor.—V. Free textbooks versus individual ownership.—VI. Justifiable standards for selection.—VII. Outline aids for judging all texts.—VIII. Special outlines for evaluating texts in different subjects.

1319. **Stockton, James L., and others.** Criteria for the regrading of schools. Elementary school journal, 22: 55-66, September 1921.

Results of problem-project methods, etc. The authors have carried out an extended program of standard testing in the training school of the San Jose state normal school, California, and present the results of their studies.

SCHOOL BUILDINGS AND GROUNDS.

1320. **Hallett, E. S.** The relative merits of heating systems. American school board journal, 63: 43-45, September 1921.

SCHOOL HYGIENE AND SANITATION.

1321. American child hygiene association. Transactions of the 11th annual meeting. St. Louis, Mo., October 11-13, 1920. Baltimore, Press of Franklin printing company, 1921. 440 p. 8". (Headquarters of the association: 1211 Cathedral street, Baltimore, Md.)

Contains: 1. Herbert Hoover: A program for American children, p. 23-28. 2. Papers and discussion on Preschool age and School age and adolescence, p. 97-173.

1322. **Brown, Maud A.** Health program in the Kansas City schools, 1919-21. Elementary school journal, 22: 132-39, October 1921.

Describes a health service for grade children, which is simple enough "to be carried on by the teacher without the help of physician or nurse," etc., now in operation in the Kansas City, Mo., public schools.

1323. **Clark, Taliaferro.** School health supervision in Minneapolis, Minn. Public health reports (U. S. Public health service) 36:1902-36, August 12, 1921.
1324. **Dickson, Frank D.** Effect of posture on the health of the child. Journal of the American medical association, 77:760-64, September 3, 1921.
Describe the results of bad posture; the treatment by diet and general care; and the correction of deformity, etc. Illustrated.
1325. **Fones, Alfred C.** Seven years of mouth hygiene in the Bridgeport schools. Dental cosmos, 63:1000-4, October 1921.
Work in the Bridgeport, Conn., public schools described.
1326. **Harris, Louis I.** Minimum health and sanitation standards in schools. An address delivered before the Teachers union of the city of New York. New York, The Teachers union of the city of New York, 1921. 16 p. 8°. (A survey of the schools by teachers, 1921, no. 1.)
Also in the Nation's health, 3:477-79, 582-86, August, October 1921.
1327. **Hoefer, Carolyn.** Increasing the efficiency of health instruction in the public schools. Elementary school journal, 22:31-43, September 1921.
Says that the most objective method of measuring the result of health teaching is the regular weighing and measuring of the children. Studies the material and methods for effective health principles. Gives bibliography.
1328. **Howe, William A.** School health service in New York state. American journal of public health, 11:873-87, October 1921.
Presents some interesting statistics of conditions in New York state.
1329. **Iowa, University. Extension division.** . . . The school lunch. Iowa City, The University [1921] [27] p. illus. 8°. (Extension division bulletin no. 70. O. E. Klingaman, M. A., editor.)
1330. **Spencer, R. R.** Mental health maintenance emphasized. Nation's health, 3:540-42, October 1921.
Discusses the training of the emotions; emotion as motive power, etc. Says that mental hygiene considers fully the behavioristic significance of mental attitudes.
1331. **Veeder, Borden S.** The rôle of fatigue in the malnutrition of children. Journal of the American medical association, 77:758-60, September 3, 1921.
1332. **Zingher, Abraham.** Diphtheria prevention work in the public schools of New York city. Journal of the American medical association, 77:835-41, September 10, 1921.
Describes the results of Schick test and toxin-antitoxin immunization. The Schick test and the control test were applied to more than 52,000 school children in 44 public schools in the boroughs of Manhattan and the Bronx.

SEX HYGIENE.

1333. **Edson, Newell W.** Some facts regarding sex instruction in the high schools of the United States. School review, 29:593-602, October 1921.
Says that among the various States there is no uniformity in the ratio of schools giving sex education to those not giving it. The West has progressed further in developing sex education than have other sections of the country.
1334. **Galloway, T. W.** The father and his boy; the place of sex in manhood making. New York, Association press, 1921. xi, 99p. 16°.

PHYSICAL TRAINING.

1335. **Lowman, C. L.** Present day problems in physical education. *Mind and body*, 28: 705-12, September-October, 1921.

The author claims that seventy five to eighty five per cent of all our school children have some physical defect.

1336. **New York (State) University.** General plan and syllabus for physical training in the elementary and secondary schools of the state of New York, as adopted by the board of regents of the University of the state of New York upon the report and recommendation of the military training commission of the state of New York. . . Albany, The University of the state of New York, 1921. 3v. plates. 8°. (Bulletin nos. 721-723)

Contents: Bk. 1.—Rural and ungraded schools. Bk. 2.—Elementary schools. Bk. 3.—Secondary schools.

1337. **Taylor, Everett B.** Physical development of midshipmen. *Nation's health*, 3: 527-32, September 1921.

Physical education at the U. S. Naval academy. Illustrated.

PLAY AND RECREATION.

1338. **Patrick, G. T. W.** The play of a nation. *Scientific monthly*, 13: 350-62, October 1921.

The physiological and psychological aspects of play described. Social effects of certain amusements. Says that the true approach to healthful and harmonizing recreations for the nations is through the public schools.

SOCIAL ASPECTS OF EDUCATION.

1339. **Dyer, Helen J.** The socialized recitation from the point of view of a grade teacher. *Elementary school journal*, 22: 49-54, September 1921.

The writer describes her work in the schools of Springdale, Pa. Says that the plan develops honor and dependability on the part of the pupils.

1340. **Hendricks, Genevieve Poyneer, comp.** Handbook of social resources of the United States. Washington, D. C., The American Red Cross, 1921. lxxi, 300 p. 8°.

1341. **Moore, Harry H.** Our complex civilization and the genius of its youth. *School review*, 29: 617-27, October 1921.

Says that the impasse confronting society to-day is to a great extent due to a lack of intelligence. Advocates courses in sociology and economics in high schools as a solvent to radicalism, etc.

1342. **National association of visiting teachers.** The visiting teacher in the United States; a survey by the National association of visiting teachers and Home and school visitors. New York city, The Public education association of the city of New York, 1921. 64 p. 12°.

CONTENTS.—Introduction.—Forward.—How visiting teacher work originated and developed.—The place of the visiting teacher in the school system.—How the visiting teacher goes about her work.—Why children are referred to the visiting teacher.—How the visiting teacher analyzes and solves her problems.—What qualifications are essential for visiting teacher work.—What are the fundamental characteristics and the prospects of the work.

1343. **Pound, Arthur.** The iron man. *Atlantic monthly*, 128: 433-41, October 1921.

Writer is a resident of Flint, Mich., a manufacturing center for automobiles. This article gives the results of his study of the reactions of automatic machinery upon social relationships as regards factory workers. He shows that in a town dominated by automatic machinery, the educational problem is to train youth for the right use of leisure.

1344. **Williams, Joseph T.** Education in recent sociology. *Education*, 42: 77-89, October 1921.

Part 5 of a series of articles. Discusses education as set forth in the "Principles of sociology," by Prof. Edward A. Ross.

CHILD WELFARE.

1345. **Ball, Florence V.** Children and industry: a study of the child at work in Cleveland, Ohio. [Cleveland, 1921] 54 p. incl. tables. 8°.

Reprinted by permission from the report issued by the Hospital and health survey, Cleveland, Ohio, 1921.

1346. **Ensign, Forest Chester.** Compulsory school attendance and child labor; a study of the historical development of regulations compelling attendance and limiting the labor of children in a selected group of states. Iowa City, Iowa. The Athens press [1921] ix, 263 p. 8°.

After a preliminary examination of English, colonial, and early national antecedents for compulsory education and child labor legislation in America, this study takes up the history of the subject in Massachusetts, Connecticut, New York, Pennsylvania, and Wisconsin, followed by a summary and conclusion. The writer says that the child labor and education standards in these five States must not be regarded as typical for the United States as a whole, but rather as models toward which the remainder of the country is approaching.

MORAL EDUCATION.

1347. **Cohen, Morris R.** Dante as a moral teacher. *New republic*, 28: 181-84, October 12, 1921.

1348. **Gould, Frederick J.** Moral education conference at Geneva. *Journal of education and school world* (London) 53: 637, 640, October 1, 1921.

Proceedings of a conference preliminary to an International moral education congress, to be held in Geneva in July or August 1922.

1349. **Otto, M. C.** The moral education of youth. *International journal of ethics*, 32: 52-67, October 1921.

Says that the important qualities of the moral personality may be developed in the regular course of school work, without formal instruction in ethics.

RELIGIOUS AND CHURCH EDUCATION.

1350. **Fergusson, E. M.** The basis of Protestant Christian unity in religious education. *Religious education*, 16: 254-61, October 1921.

Paper read before the annual meeting of the Unitarian Sunday school society, May 1921.

1351. **Forrest, W. M.** Bible classes for high school pupils with credit towards graduation. Charlottesville, Va., The University, 1921. 17 p. 8°. (University of Virginia record. Extension series. vol. vii, no. 2, October 1921)

Writer is professor of biblical literature, University of Virginia, and official biblical examiner for the Virginia State board of education.

1352. **Hartley, Gertrude.** The use of projects in religious education. Philadelphia, Boston [etc.] The Judson press [1921] 91 p. plates. 12°.

1353. **Lowe, Frank M.** Religious vocations: a text-book for the church "class in occupations" and handbook of information for pastors, parents, teachers, and other counsellors of Christian youth. Boston, Chicago. United society of Christian endeavor [1921] 230 p. 12°.

1354. **McCormick, Patrick J.** Principles of educational reform. *Catholic educational review*, 19: 495-504, October 1921.

Paper read at the 18th annual convention of the Catholic educational association, held at Cincinnati, Ohio, July 1921.

1355. **Snowden, James H.** The meaning of education. New York, Cincinnati, The Abingdon press [1921] 122 p. 16.
1356. **Vogt, Paul L.** Church cooperation in community life. New York, Cincinnati, The Abingdon press [1921] 171 p. 12.

MANUAL AND VOCATIONAL TRAINING.

1357. **Eastern arts association.** Proceedings, eleventh annual meeting, Boston, Mass., April 1, 2, and 3, 1920. 214 p. 8. (M. W. Haynes, secretary, Bayonne, N. J.)

Contains: 1. R. O. Small: Vocational education, p. 15-23. 2. A. L. Barbour: Responsibility of the normal school in training teachers of drawing in relation to general education, p. 31-38. 3. Lucy H. Gillett: How can our work in foods be made more vital to the health of the child? p. 94-104. 4. O. D. Evans: Vocational guidance in the continuation school—"Helping the boy and girl to find themselves," p. 119-27. 5. Annie F. Slattery: The class in occupations as a correlative to work in the arts, p. 134-43. 6. C. D. Kingsley: The place of practical education in the modern high school, p. 143-52. 7. D. L. Hoopingarner: Social education and the labor problem, p. 168-74.

1358. **Cooperation between industry and the school.** National association of corporation training bulletin, 8: 447-67, October 1921.

The results of an inquiry made among the member-companies of the association for information about plans, systems, etc., used to provide the opportunity for students to form connections with business.

1359. **Edgerton, A. H.** Industrial-arts and prevocational education in our intermediate and junior-high schools. Industrial-arts magazine, 10: 365-71, October 1921.

The first of a series of four papers on industrial arts in junior high schools.

1360. **House, Julius T.** Two kinds of vocational education. American journal of sociology, 27: 222-25, September 1921.

Writer says there are two schools of thinkers who are interested in vocational education: "(a) Those who think in terms of the child and the job; (b) those who think in terms of the child and the social process." Analyzes and comments on these two attitudes.

1361. **Newman, C. T.** An experiment with a course in general technology. School review, 29: 603-9, October 1921.

Presents a course in (general technology) metal-working in the University high school of the University of Chicago. The method of presentation is by problematic question-lesson sheets. The pupil is "brought face to face with problems in much the same manner that problems will confront him in later life, when there may be no one to show him how to proceed."

1362. **Vaughn, S. J.** Organization and administration of part-time schools. Industrial-arts magazine, 10: 379-83, October 1921.

The organization of part-time schools should be completed before the opening of the school, and definite means taken to get the proper information to the public in general and to the employers for whom the pupils are working.

1363. **Vocational education association of the Middle West.** Report of Committee on teaching social science in high schools and industrial classes. [Chicago, Ill.] Pub. by the Vocational education association of the Middle West, 1921. 30 p. 8. (Monographs on vocational education, 1921 series, no. 1.)

Members of committee: Ruth Mary Weeks, chairman; John R. Commons, Frank M. Leavitt.

VOCATIONAL GUIDANCE.

1364. **Morelock, Oliver J.** The intermediate school and vocational guidance. Educational review, 62: 187-96, October 1921.

Emphasizes the value of the junior high school in the scheme of education. The so-called "intermediate school" will assure the further democratization of the public school system to meet the needs of all the children of the community.

WORKERS' EDUCATION.

1365. **National conference on workers' education in the United States.** 1st, New York, 1921. Workers education in the United States; report of proceedings first National conference on workers' education in the United States. New York city, Workers' education bureau of America, 1921. 144 p. 8°. [Workers' education bureau series, no. 1.]

1366. **Allison, Brent D.** Labor education in Germany. Survey, 47: 55-57, October 8, 1921.

Describes among other things the establishment of the Academy of labor, which aims to become a labor university.

1367. **Budish, J. M.** Methods of mass education. Survey, 46: 678-79, September 16, 1921.

Says that the shop meeting is perhaps the best available means of promoting mass education.

1368. **Haldane, Richard Burdon, Viscount.** Education of the adult worker. Forum, 66: 282-87, October 1921.

Work in Great Britain described. Discusses education as a palliative of industrial unrest.

1369. **May, F. Stacy.** Workers' education at Amherst. Survey, 46: 675-76, September 16, 1921.

Describes the classes for workers in Springfield and Holyoke, Mass., conducted by Amherst College, in cooperation with local central labor unions.

AGRICULTURE.

1370. **Hurley, M. E.** Agriculture for city schools. Elementary school journal, 22: 44-48, September 1921.

Describes in particular the work of the Allendale school in Oakland, California.

HOME ECONOMICS.

1371. **Morgan, Agnes F.** A survey of the teaching of home economics in the public secondary schools of California. School review, 29: 574-85, October 1921.

The purpose of the study was to determine (a) the types of teachers giving instruction in home economics in these schools; and (b) the types and number of courses offered under this name.

PROFESSIONAL EDUCATION.

LAW.

1372. **Association of American law schools.** Handbook . . . and proceedings of the summer meeting held at St. Louis, Missouri, August 23-24, 1920, and of the eighteenth annual meeting held at Chicago, Illinois, December 28-30, 1920. 232 p. 8°. (H. C. Jones, secretary, University of Illinois, Urbana, Ill.)

Contains: 1. E. A. Gilmore: Some criticisms of legal education, p. 140-56. 2. Report of the committee on the status of the law teacher, p. 166-77.

MEDICINE AND NURSING.

1373. Gile, John M. Medical education and the medical supply. Boston medical and surgical journal, 185: 387-90, September 29, 1921.

Reviews the history of medical education, and the demand for physicians in rural districts.

1374. Macdonald, V. M. Mental health of children. American journal of nursing, 22: 6-8, October 1921.

First paper of a series. A discussion of mental disorder and methods of prevention.

1375. Olmstead, Katherine. International training at Bedford college. Nation's health, 3: 494-95, September 1921.

Projected course of study in public health nursing at Bedford college for women. University of London.

1376. Painter, Charles F. The interest of the public in medical education. Boston medical and surgical journal, 185: 427-32, October 13, 1921.

Discusses some of the defects in present-day medical education.

1377. Skillern, Ross H. Postgraduate work in laryngology. Journal of the American medical association, 77: 1145-46, October 8, 1921.

1378. Vincent, George E. The passing of the country doctor. Forum, 66: 300-7, October 1921.

Describes the readjustments of medical education to changed conditions during the past 20 or 30 years. Says that the reluctance of young doctors to settle in rural communities is one of the most disquieting results of the raising of standards in medical training.

1379. Watson, Grace. Practical nursing—yesterday and to-day. American journal of nursing, 22: 25-31, October 1921.

By practical nursing of yesterday is meant the average standard of nursing work in hospitals of a period of 20 or more years. Discusses also the work of today.

DENTISTRY AND PHARMACY.

1380. American conference of pharmaceutical faculties. Proceedings of the twenty-first annual meeting, Washington, D. C., May 5-6, 1920. 200 p. 8°. (Theodore J. Bradley, secretary-treasurer, College of pharmacy, Boston, Mass.)

1381. American institute of dental teachers. Proceedings of the twenty-eighth annual meeting . . . held at Indianapolis, Indiana, January 24-26, 1921. Published by American institute of dental teachers. 157 p. 8°. (Abram Hoffman, secretary, 381 Linwood Avenue, Buffalo, N. Y.)

Contains: 1. A. D. Black: Progress in dental education, p. 14-25. 2. G. S. Millberry: Training dental teachers, p. 37-42. 3. G. B. Denton: Technical composition and scientific methodology for dental students, p. 69-77. 4. F. C. Waite: The dental school catalogue, its content and arrangement, p. 87-100.

1382. National association of dental faculties. Proceedings of . . . thirty-seventh annual meeting, held at Boston, Mass., August 20 and 21, 1920. 115 p. 8°. (DeL. L. Hill, secretary, Atlanta, Ga.)

CIVIC EDUCATION.

1383. **American school citizenship league. History committee.** An American citizenship course in United States history. General course for grades I-VIII, introducing a program of type studies. Published for the American school citizenship league. New York, Chicago [etc.] C. Scribner's sons [1921] vi, 167 p. 12°.

Members of committee: W. F. Gordy, chairman; P. P. Claxton, C. E. Chadsey, J. H. Van Sickle, Mr. and Mrs. J. W. Hall, Fannie Fern Andrews.

CONTENTS.—To the teacher.—Grades I, II, and III: Primitive life and the beginnings of things.—Grades IV and V: Biographies of representative men.—Grade VI: European beginnings of American history.—Grade VI: Exploration, colonization, independence, confederation, and the Constitution.—Grade VIII: The development of the United States under the Constitution.—Bibliography, Grades IV-VIII.

1384. **Armentrout, W. D.** A project in elementary-school citizenship. *Elementary school journal*, 22: 118-25, October 1921.

Discusses the attempt to organize student government in the elementary training school of the Colorado state teachers' college. Presents the constitution and by-laws of the junior council.

1385. **Barnes, Julius H.** Teaching current events as training for citizenship. *American review of reviews*, 64: 385-87, October 1921.

1386. **Smith, R. R.** Teaching civics as a science in the Joliet township high school. *Pedagogical seminary*, 28: 295-302, September 1921.

1387. **White, E. M.** Civics in continuation schools. *Journal of education and School world* (London) 53: 634-36, October 1, 1921.

Stresses curricula based on conditions in England and the British commonwealth. Gives a bibliography on the League of Nations.

AMERICANIZATION.

1388. **Breckinridge, Sophonisba P.** New homes for old. New York and London, Harper & brothers, 1921. xv, 356 p. plates. 12°. (Americanization studies. Allen T. Burns, director)

1389. **Massachusetts. Department of education. Division of university extension.** Thirty lessons in naturalization and citizenship; an outline for teachers of adult immigrants. Boston, Mass., 1921. 119 p. 8°. (Commonwealth of Massachusetts. Bulletin of the Department of education. vol. vi, no. 6, whole no. 39, November 1921)

EDUCATION OF WOMEN.

1390. **Adams, Elizabeth Kemper.** Women professional workers; a study made for the Women's educational and industrial union. New York, The Macmillan company, 1921. xiv, 467 p. 12°.

The author first analyzes and defines the nature of a profession, and discusses the general subject of women as professional workers. Next in order after the "learned professions"—medicine, law, the ministry—the various other groups of professional services open to women are described. These services are health other than medicine; food and living; community, civic, and government; social; personnel or employment; industrial and labor; commercial—office and mercantile, and special; information (journalism, etc.); fine and applied arts; technical; library and museum; teaching and other educational services. The volume concludes with a selected and annotated reading list. The introduction is by Samuel P. Capen.

1391. **Charters, W. W.** The reorganization of women's education. *Educational review*, 62: 224-31, October 1921.
 Criticises the alleged shortcomings of the public school curriculum, and then discusses the activities of the woman's college.
1392. **Hamilton, Edith.** Schools and daughters. *North American review*, 214: 518-26, October 1921.
 Discusses the choice of a school or college for girls.

NEGRO EDUCATION.

1393. **Boyer, Philip Albert.** The adjustment of a school to individual and community needs. Philadelphia, Pa., 1920. 141 p. tables. 8.
 Thesis (Ph. D.)—University of Pennsylvania, 1920.
 A study of the Stanton Arthur school, which serves a negro section in Philadelphia.
1394. **Miller, Kelly.** Education of the negro in the North. *Educational review*, 62: 232-38, October 1921.
1395. **Snyder, Howard.** Paradise negro school. *Yale review*, 11: 158-69, October 1921.
 Describes a negro rural school in Mississippi.
1396. **Taylor, R. R.** Tuskegee's mechanical department. *Southern workman*, 50: 457-68, October 1921.
 Methods of teaching the trades, etc., at Tuskegee institute. Illustrated.

EDUCATION OF DEAF.

1397. **Bickler, Mary H.** How a deaf child was taught speech-reading and speech. *Volta review*, 23: 455-70, October 1921.
 Concluded from September number.
1398. **Goodwin, Elizabeth.** An experiment in teaching language on individual lines. *Volta review*, 23: 435-45, October 1921.
 An experiment in teaching deaf children, with general observations on language instruction.
1399. **Manning, Arthur C.** Religious education of the deaf. *American annals of the deaf*, 66: 354-61, September 1921.

EXCEPTIONAL CHILDREN.

1400. National conference on the education of truant, backward, dependent and delinquent children *and the* American association of public officials of charity and correction. Proceedings of the joint conference of the seventeenth national conference. . . . Held in Chicago, St. Charles, Geneva, Riverside, and Mooseheart, Illinois, June 21-25, 1920. (Secretaries, H. W. Moore, Florence, S. C., and W. G. Theurer, Philadelphia, Pa.)
 Contains: 1. David Kinley, State universities and State welfare institutions, p. 5-9. 2. W. L. Kuser, The school's responsibility to the pupil, p. 13-20. 3. E. A. Doll, Intelligence and industrial tests in institutional administration, p. 35-42.
1401. **Clark, Willis W.** Success records of prisoners and delinquents. *Journal of delinquency*, 6: 443-52, July 1921.
 Study based on reports of many of the larger correctional institutions on file in the library of the California bureau of juvenile research.
1402. **Gesell, Arnold.** Exceptional children and public school policy: including a mental survey of the New Haven elementary schools. New Haven. Yale university press, 1921. 66 p. diagrs., fold. map. 8.

1403. **Springer, Ethel M.** Children deprived of parental care; a study of children taken under care by Delaware agencies and institutions. Washington, Government printing office, 1921. 96 p. incl. tables. 8°. ([U. S.] Children's bureau. Dependent, defective and delinquent classes series no. 12. Bureau publication no. 81.)

EDUCATION EXTENSION.

1404. **Great Britain. Board of education.** Humanism in the continuation school. London, H. M. stationery office, 1921. 135 p. 12°. (Educational pamphlets, no. 43)

Written by J. Dover Wilson, after a study of the working of evening continuation schools in England with special reference to the question of using the limited opportunities of those schools to widen the intellectual horizon of young people who cease full-time education at the age of 14.

1405. **Yeaxlee, Basil A.** The universities and the people. Contemporary review, 120: 516-24, October 1921.

The service of the British universities for the people, especially through educational settlements.

LIBRARIES AND READING.

1406. **Bowker, R. R.** Some children's librarians. Library journal, 46: 787-90, October 1, 1921.

This article dealing with pioneers in the Eastern field is to be continued in a second paper on other children's librarians, chiefly in the West. Illustrated by portraits.

1407. **Guilfoile, Elizabeth.** Using the public library in the teaching of reading. Elementary school journal, 22: 126-131, October 1921.

Work of the C class of the fourth grade at the Avondale school, Cincinnati, Ohio. Progress in selection, care, and use of books. Class gained in reading ability.

BUREAU OF EDUCATION: RECENT PUBLICATIONS.

1408. Education in homeopathic medicine during the biennium 1918-1920; by W. A. Dewey. Washington, 1921. 7 p. (Bulletin, 1921, no. 18)

Advance sheets from the Biennial survey of education in the United States, 1918-1920.

1409. Education of the deaf; by Percival Hall. Washington, 1921. 16 p. (Bulletin 1921, no. 14)

Advance sheets from the Biennial survey of education in the United States, 1918-1920.

1410. Facilities for foreign students in American colleges and universities; by Samuel Paul Capen, former specialist in higher education, Bureau of education. Washington, 1921. 269 p. plates. (Bulletin, 1920, no. 39)

1411. Higher education 1918-1920; by George F. Zook, specialist in higher education, Bureau of education. Washington, 1921. 46 p. (Bulletin, 1921, no. 21)

Advance sheets from the Biennial survey of education in the United States, 1918-1920.

1412. Medical education 1918-1920; by N. P. Colwell. Washington, 1921. 15 p. (Bulletin, 1921, no. 15)

Advance sheets from the Biennial survey of education in the United States, 1918-1920.

1413. Part-time education of various types. A report of the Commission on the reorganization of secondary education, appointed by the National education association. Washington, 1921. 22 p. (Bulletin, 1921, no. 5)
This report presents various types of part-time education, including continuation classes, and indicates some of the administrative features desirable. One section is devoted to Educational and vocational guidance, with a discussion of the functions of a director of vocational guidance and of vocational counselors in the schools.
1414. Proceedings of the fifth and sixth annual meetings of the National council of primary education, Cleveland, Ohio, February 24, 1920, and Des Moines, Iowa, March 3, 1921. Washington, 1921. 44 p. (Bulletin, 1920, no. 47)
1415. Special features in the education of the blind during the biennium 1918-1920; by Edward E. Allen. Washington, 1921. 14 p. (Bulletin, 1921, no. 16)
Advance sheets from the Biennial survey of education in the United States, 1918-1920.
1416. Suggestions for a program for health teaching in the elementary schools; by J. Mace Andress and Mabel C. Bragg. Washington, 1921. 107 p. illus. (Health education series, no. 10)
1417. Suggestions for the reorganization of the schools in Currituck county, North Carolina; by Katherine M. Cook. Washington, 1921. 31 p. map, tables. (Bulletin, 1921, no. 24)
A study of conditions of the public school system of a rural county in North Carolina, with suggestions for its improvement.
1418. Survey of the schools of Wilmington, Delaware. Part II.—I. The elementary courses. II. Secondary education. III. Special departments and subjects. Washington, 1921. 191 p. (Bulletin, 1921, no. 2)
1419. The teaching of civics as an agency for community interest and citizenship; by John James Tigert, United States Commissioner of education. Washington, 1921. 10 p.
Makes suggestions for a more practical course of study in civics, and for the adoption of the project method in civics instruction.
1420. The visiting teacher; by Sophia C. Gleim. Washington, 1921. 23 p. (Bulletin, 1921, no. 10)
Visiting teacher and home and school bibliography: p. 18-23.
Summarizes the method of establishing closer relations between the home and school followed by various States and cities in providing for visiting teachers.

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